Long Covid, a descriptive observational study from Andalusian community pharmacies

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Background information

There are patients who experience persistent symptoms after overcoming COVID-19, this clinical situation is called Long-COVID. Currently, there is high uncertainty about how to treat this pathology. Cohort studies on Long COVID patients are available, but further research is needed. For this reason, we propose a descriptive observational study from community pharmacies.

Objectives

- Describe persistent symptoms.
- Describe the medication proposed by pharmaceutical indication.
- Describe the concomitant long termconditions.

Methods

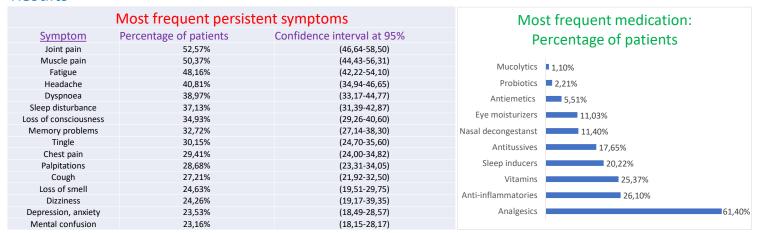
Patients with persistence symptoms during more than 12 weeks are followed up. Once patients who have suffered COVID-19 and remain symptomatic after overcoming the acute phase have been identified, they are invited to participate in the study. Informed consent is collected and the following variables are recorded in the first interview:

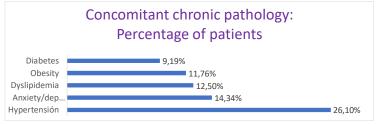
- · Persistent symptoms, with start and end dates. · Non-prescription medications patients use for their relief.
- · Previous long term-conditions. · Hospitalization. · Hospital stays in intensive care units. · Sex. · Age.

Appointments are made monthly to update information, noting the end date of the persistent symptoms in your case.

The field work is carried out by pharmacists in Andalusian community pharmacies, which are previously provided with the procedure in a training session. The information is recorded on the AxonFarma ® platform.

Results







Conclusions

Musculoskeletal symptoms followed by general symptoms are the most common. In terms of medications, analgesics were the most used. Although hypertension is the most frequent chronic illness among patients with persistent symptoms after COVID-19 disease, it occurs in a similar proportion to the one that occurs in the general population. The persistence of symptoms is common in nonhospitalized patients in their acute phase. However, the proportion of patients hospitalized in the acute phase is higher among patients with Long covid, than even among covid patients aged 60 years or older.

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